

**Table 2.5.0 - ED mentions for central nervous system agents by drug category: Estimates for the coterminous U.S. by year**

Drug name <sup>1,2,3</sup>		Total 1994	Total 1995	Total 1996	Total 1997	Total 1998	Total 1999	Total 2000	% change <sup>4</sup> 1994, 2000	% change <sup>4</sup> 1998, 2000	% change <sup>4</sup> 1999, 2000
Analgesics .....		136,939	137,231	134,638	140,385	141,929	138,736	167,194	22.1	17.8	20.5
Antimigraine agents .....		549	844	603	798	507	671	502			
APAP/dichloralphenazone/isometheptene .....		442	528	417	564	460	586	391			
belladonna/caffeine/ergotamine/pentobarbital .....											
caffeine-ergotamine .....		31	...	25	18	7	2	...			
dihydroergotamine .....		0	0	0	...	0	...	0			
ergotamine .....		7	...	5	...	...	1	2	-71.4		100.0
isometheptene mucate .....		0	...	0	0	0	0	0			
methysergide maleate .....		0	...	...	0	3	3	0		-100.0	-100.0
naratriptan .....											
rizatriptan .....											
sumatriptan .....		3	19	...	...	21	24	...			
zolmitriptan .....		0	0	0	0	0	4	9			
antimigraine agents-NOS .....		...	1	...	4	12	...	4			
Cox-2 inhibitors .....		0	0	0	0	0	0	1,002			
celecoxib .....		0	0	0	0	0	0	1,002			
rofecoxib .....											
cox-2 inhibitors-NOS .....											
Narcotic analgesics .....		19,415	20,910	22,525	26,298	32,573	41,676	47,833	146.4	46.8	
alfentanil .....											
anileridine .....		0	2	0	0	0	2	...			
buprenorphine .....		2	2	1	...	0	...	11	450.0		
butorphanol .....		35	...	239	...	19	...	...			
codeine .....		2,142	1,540	1,208	1,033	1,420	894	1,155	-46.1		
dezocine .....		...	0	3	0	0	...	0			
dihydrocodeine .....		...	0	0	...	1	...	...			
dihydromorphone .....											
fentanyl .....		28	22	34	203	286	337	576	1,957.1		
hydrocodone .....		1,150	1,324	1,574	904	1,907	2,074	2,240	94.8		
hydromorphone .....		887	569	609	604	937	1,313	...			
hydroxy-N-methylmorphinan .....		0	2	0	0	0	0	0			
levomethadyl acetate .....		2	0	0	0	0	0	0	-100.0		
levorphanol .....		...	...	0	0	1	0	4		300.0	
meperidine .....		728	969	806	731	495	512	706			
methadone .....		3,252	4,247	4,129	3,832	4,810	5,426	7,819	140.4	62.6	44.1
morphine .....		1,098	1,283	864	1,299	1,954	2,213	2,478	125.7		
nalbuphine .....		13	13	10	14	...	33	...			
noscapine .....		0	0	0	0	0	1	0			-100.0
opium .....		...	...	28	49	24	...	167			
oxycodone .....		138	...	100	372	1,034	1,804	3,792	2,647.8	266.7	110.2
oxymorphone .....		0	0	0	0	0	0	...			
papaveretum .....		0	0	0	0	1	0	0			-100.0
pentazocine .....		4	5	0	0	0	3	...			
phenacetin .....		...	0	0	...	1	0	0			-100.0
propoxyphene .....		1,515	1,068	1,065	1,166	1,109	816	593	-60.9		
remifentanil .....		0	...	0	0	4	0	0			-100.0
sufentanil .....											
narcotic analgesics-NOS .....		8,307	9,562	11,855	15,893	18,495	25,946	25,935	212.2	40.2	

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Narcotic analgesic combinations .....		25,102	24,343	24,416	27,819	26,373	27,335	34,540	37.6	31.0	26.4
acetaminophen-codeine .....		6,839	6,838	5,907	6,598	5,049	3,845	3,849	-43.7	-23.8	
acetaminophen-hydrocodone .....		8,168	8,362	9,845	10,667	11,686	13,043	17,538	114.7	50.1	34.5
acetaminophen-oxycodone .....		3,626	2,944	2,839	4,353	3,841	4,503	6,637			
acetaminophen-pentazocine .....		...	12	13	...	...	...	...			
acetaminophen-propoxyphene .....		5,216	5,224	4,822	5,337	4,714	4,816	4,891			
acetaminophen/caffeine/codeine .....											
acetaminophen/meperidine .....		0	...	0	0	0	...	...			
APAP/ASA/caffeine/phenacetin .....											
APAP/butalbital/caffeine/codeine .....		...	13	...	...	...	...	9			
APAP/caffeine/dihydrocodeine .....		0	0	3	0	...	0	0			
ASA/butalbital/caffeine/codeine .....		264	317	197	...	24	226	217			
ASA/caffeine/dihydrocodeine .....		...	...	0	...	0	0	1			
ASA/caffeine/propoxyphene .....		0	...	2	0	...	0	...			
aspirin-codeine .....		16	10	6	5	...	7	...			
aspirin-hydrocodone .....		1	0	0	0	2	0	0	-100.0	-100.0	
aspirin-oxycodone .....		305	334	251	287	335	121	396			227.3
aspirin-pentazocine .....		...	135	184	...	...	...	...			
aspirin/caffeine/codeine .....											
aspirin/caffeine/codeine/phenacetin .....		...	...	...	2	...	0	0			
aspirin/caffeine/codeine/phenacetin/phenolphthalein .....		...	0	0	0	0	0	0			
aspirin/caffeine/phenacetin/pseudoephedrine .....		0	0	0	0	0	0	1			
aspirin/ethoheptazine .....		0	0	0	0	...	0	0			
belladonna-opium .....		0	0	...	0	0	0	0			
cocaine (Schedule I substance)/morphine .....		1	0	0	...	1	4	4	300.0	300.0	
codeine/papaverine .....		0	0	0	...	0	1	0			-100.0
codeine/phenacetin .....		0	0	1	...	0	0	0			
codeine/salicylates .....											
droperidol-fentanyl .....											
hydrocodone-ibuprofen .....		0	0	0	0	17	...	320			1,782.4
kaolin-pectin/paregoric .....		1	0	0	1	0	0	0	-100.0		
meperidine-promethazine .....		...	10	...	...	...	369	...			
naloxone-pentazocine .....		0	...	0	0	0	0	0	-100.0		
codeine combination-NOS .....		2	8	...	...	...	0	0			
narcotic analgesic combinations-NOS .....		0	0	0	0	1	3	11	1,000.0	266.7	14.6
Nonsteroidal anti-inflammatory agents .....		28,742	30,401	25,295	26,441	25,695	21,631	24,793	-13.7		
bromfenac .....		0	0	0	0	15	0	...			
diclofenac .....		225	210	456	725	30	310	...			
diclofenac-misoprostol .....											
etodolac .....		802	612	324	489	279	...	...			
fenoprofen .....		...	...	0	1	...	3	0			-100.0
flurbiprofen .....		291	469	...	20	3	6	...			
ibuprofen .....		19,588	21,754	17,350	17,647	17,567	14,696	18,338			24.8
indomethacin .....		355	304	153	307	...	191	...			
ketoprofen .....		395	178	584	306	716	...	...			
ketorolac .....		1,485	546	254	287	276	237	...			
meclofenamate .....		12	5	5	0	...	0	...			
mefenamic acid .....		6	3	4	...	0	...	3			

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General anesthetics .....	2	2	...	6	10	...	...			-71.4
droperidol .....	0	1	...	6	7	0	2			
etomidate .....										
methohexital .....										
propofol .....	1	0	...	0	...	...	...			
thiamylal sodium .....										
thiopental .....	1	...	0	0	2	0	0	-100.0	-100.0	
general anesthetics-NOS .....										
Muscle relaxants .....	12,223	13,733	13,520	12,318	13,612	13,717	15,914	30.2		16.0
acetaminophen/chlorzoxazone .....		2	...	2	...	2	2			
acetaminophen/orphenadrine .....	0	0	1	0	0	1	0			-100.0
ASA/caffeine/orphenadrine .....		22	...	12	...	...	...			
ASA/carisoprodol/codeine .....			0	4	...	0	0			
aspirin-carisoprodol .....			...	3	0	...	0			
aspirin-meprobamate .....	18	...	3	...	0	...	0		-100.0	
aspirin-methocarbamol .....		0	...	...	1	0	0			-100.0
atracurium .....										
baclofen .....		...	72	319	318	...				
benzotamine .....	0	0	0	0	0	0	1			
botulinum toxin type A .....										
carisoprodol .....	6,569	7,771	7,279	6,133	8,454	8,829	9,520	44.9		
chlorphenesin .....	0	0	...	0	0	0	0			
chlorzoxazone .....	535	338	512	...	27	...	...			
cisatracurium .....										
cyclobenzaprine .....	3,133	2,924	3,599	3,626	2,967	2,761	3,975			44.0
dantrolene .....	1	4	0	6	0	0	1			
doxacurium .....										
mephenesin .....	1	0	0	0	0	0	0		-100.0	
metaxalone .....	17	...	235	266	246	359	527		3,000.0	
methocarbamol .....	1,127	1,053	682	1,054	977	719	689			
methoxyethoxyethylaminomethyl-1-4-benzodioxan .....	4	...	4	0	...	7	0	-100.0		-100.0
metocurine .....										
mivacurium .....										
orphenadrine .....	57	302	301	395	228	178	...			
pancuronium .....	0	0	0	1	0	0	0			
pipecuronium .....										
rapacuronium .....										
rocuronium .....										
succinylcholine .....	3	0	0	...	0	0	0		-100.0	
tizanidine .....	0	0	0	0	0	...	358			
tubocurarine .....										
vecuronium .....	0	0	0	0	0	0	0			
muscle relaxants-NOS .....	374	540	277	443	273	305	278			
Miscellaneous CNS agents .....	0	0	0	1	0	...	...			
cevimeline .....										
donepezil .....	0	0	0	0	0	...	...			
ergoloid mesylates .....	0	0	0	1	0	0	0			
laudanosine .....	0	0	0	0	0	...	...			

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pilocarpine .....											
rivastigmine .....											
tacrine .....											

<sup>1</sup> This classification of drugs is derived from the Multum Lexicon, Copyright © 2001, Multum Information Services, Inc. The classification has been modified to meet DAWN's unique requirements (2001). The Multum Licensing Agreement governing use of the Lexicon is provided in an appendix to this report and can be found on the Internet at <http://www.multum.com>.

<sup>2</sup> Cocaine (Schedule I substance) / morphine is Brompton's mixture. All other mentions of cocaine are classified under Major Substances of Abuse.

<sup>3</sup> Anesthetic gasses are classified under Inhalants.

<sup>4</sup> This column denotes statistically significant ( $p < 0.05$ ) increases and decreases between estimates for the periods noted. See Relative Standard Error (RSE) tables for  $p$ -values.

NOTE: These estimates are based on a representative sample of non-Federal, short-stay hospitals with 24-hour emergency departments in the coterminous U.S. Dots (...) indicate that an estimate with an RSE greater than 50% has been suppressed. Drugs are classified to the degree of specificity recorded in the DAWN case reports.

CNS = central nervous system, ED = emergency department, NOS = not otherwise specified.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2000 (09/2001 update).